ABSTRACT OF THE DISCLOSURE

A method to calculate network latency includes correlating a first packet identifier recorded at a first network location with a second packet identifier recorded at a second network location, wherein the first and second packet identifiers indicate a common first packet and have respective first and second timestamps associated therewith. A first network traversal time for the first packet is calculated as the difference between the first and second timestamps associated with the first and second packet identifiers respectively. The network traversal time for the first packet is then the graphically display.